

## ABSTRACT

Provided is a production process by which a novel alicyclic oxetane compound which has an oxetane ring, has excellent light transmission in the near ultraviolet region, and is useful as a cationically polymerizable monomer can be easily obtained. The production process which is for obtaining an alicyclic oxetane compound includes subjecting an aromatic oxetane compound to nuclear hydrogenation in high-pressure hydrogen in the presence of a hydrogenation catalyst. For example, when 4,4'-bis[(3-ethyloxetan-3-yl)methoxymethyl]biphenyl is used as the aromatic oxetane compound, 4,4'-bis[(3-ethyloxetan-3-yl)methoxymethyl]bicyclohexyl is obtained as the alicyclic oxetane compound.